Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-14-012,

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR			FUEL TYPE	USEFUL LIFE (hours)		
2017	HKBXL01.5BCC	1.124, 1.498	Diesel	3000		
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION			
	Indirect Diesel Inje	ction	. Generator Set, Light Tower, Welder			

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for non-methane hydrocarbon (NMHC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED	EMISSION		EXHAUST (g/kw-hr)				OPACITY (%)			
POWER	STANDARD CATEGORY		NMHC	NOx	NMHC+NOx	co	PM	ACCEL	LUG	PEAK
8 <u><</u> kW < 19	Tier 4 Final	STD	N/A	N/A	7.5	6.6	0.40	N/A	N/A	N/A
		CERT		·	5.9	1.0	0.15			

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this

day of December 2016

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Engine Model Summary Form

E0# U-R-025-0724 Date: 12/14/2016

Manufacturer:

KUBOTA Corporation

Engine category:

Nonroad Cl

EPA Engine Family: HKBXL01.5BCC

Mfr Family Name:

N/A

Process Code:

New Submission

Attachment page 1 of 1

1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
D1105-BG-EF01	D1105-BG-EF	16.9@1800	23.6	7.1	49.3@1800	23.6	71	EM, IFI
V1505-BG-EF01	V1505-BG-EF	24.0@1800	25.0	10.1	70.1@1800	25.0	10.1	EM, IFI
V1505-BG-EF02	V1505-BG-EE	22:0@1800	22.9	9.2	64.2@1800	22.9	9.2	EM, IEI
			Visto valinis isas isas isas isas isas isas isas					
	4							
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	grafia sulfigura de com			and the second second second second				
					Sept many			
				Security and the second security of the second seco				
	literation literature	668 3 5 5 5 5 7 1 1 1 1 1	Constitution of the second	and the state of the			Philosophy (1965) (65276)	
Principle Supplies and Control of Control	College Park Charles and the College College And			g name skull in dien is die jedowie name aleeke	grind and the framework of the military and	o kartin 18. esteppet (1996) billion (1996) de pet de pet de trata (1996) de trata (1996). Per de pet de la co La companya de la companya (1996) de la companya (1996) de la companya (1996) de la companya (1996) de la comp	intinta (1. 1921) and the second of the second	
	e e e e e e e e e e e e e e e e e e e		emperature de la companya de la comp	The state of the s		ten j		(1) (1)
	od Charles	*						
					none locale and a second and a second and a second			Salara Salara (Academica Salara Martinia)
4 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						No. 4 Complete Comple		
	WATER AND THE PROPERTY OF THE PARTY.	eranisti serinangan SASAS	en ag an Period ≥007 trade at a trad	1970-0-0 (2000) Person		Switcher Co. Co. Co. St. St. Co. Co.	elegalistica e e e e e e e e e e e e e e e e e e e	
							President Control	· · · · · · · · · · · · · · · · · · ·
				vari sa Constita	e as Borpo			
er Charlest man en altrica i sandagan (1996)	A SAN CONTRACTOR SERVICES	and the second second second		ASSESSED AND THE STREET OF STREETS (SEE 1997)	State of the State of the State of Stat	and the control of th		de de la companya de
		A Company of the Comp						
A CONTRACT SEAL GREENERS	o per se o manda se en	en e	es e partir de la companya de la co	remente en en al la silva dell'entre entre delle la collè dell'application	generacycus (12 Cubbit 1923 (13 Cub 12 Cub 13 Cub	ent to under the second section of the second section of the second section of the second section sect	ger progressor, deckt. 2014 betregten historial file 450 HM	umbersalarin (1) milga et e 2004 er 22. Navez i merciej (Mareken Julijane) zwicz (1651), bi et eli ej
			1.					